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[redacted] 25X1

~~SECRET~~
CONFIDENTIAL

A-0012

[redacted] 25X1

August 16, 1960

[redacted] 25X1

VIA: [redacted] 25X1

Dear [redacted] 25X1

Subject: Contract No. 260-19660-0

We are enclosing prints showing the tower mounting for the yagi arrays - #7618 for the two-stacked job and #7619 for the single job.

Very truly yours,

[redacted] 25X1

Executive Vice President

TL:lh

Enc. Dwg. #7618 & #7619

[redacted] 25X1

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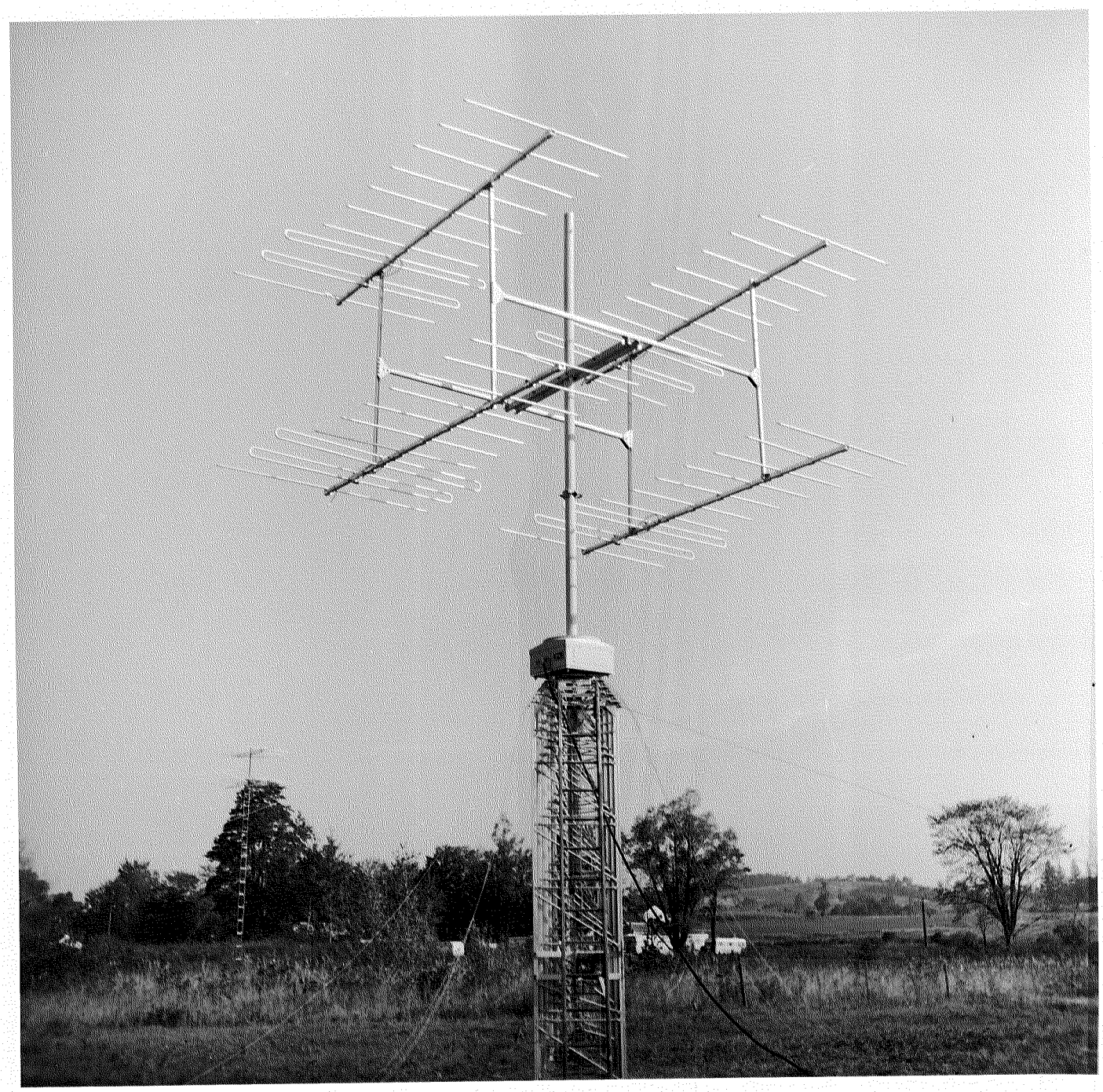

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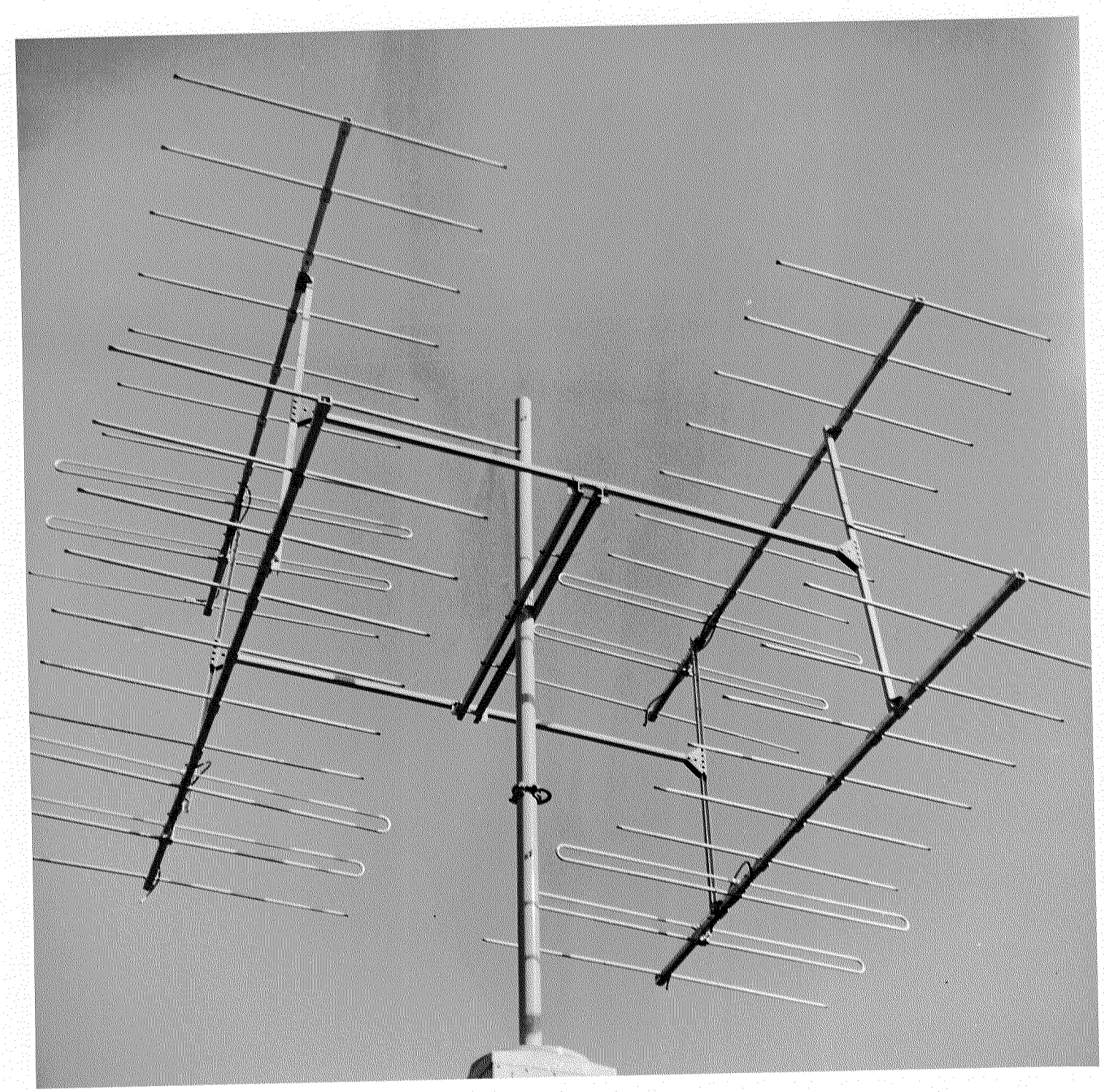

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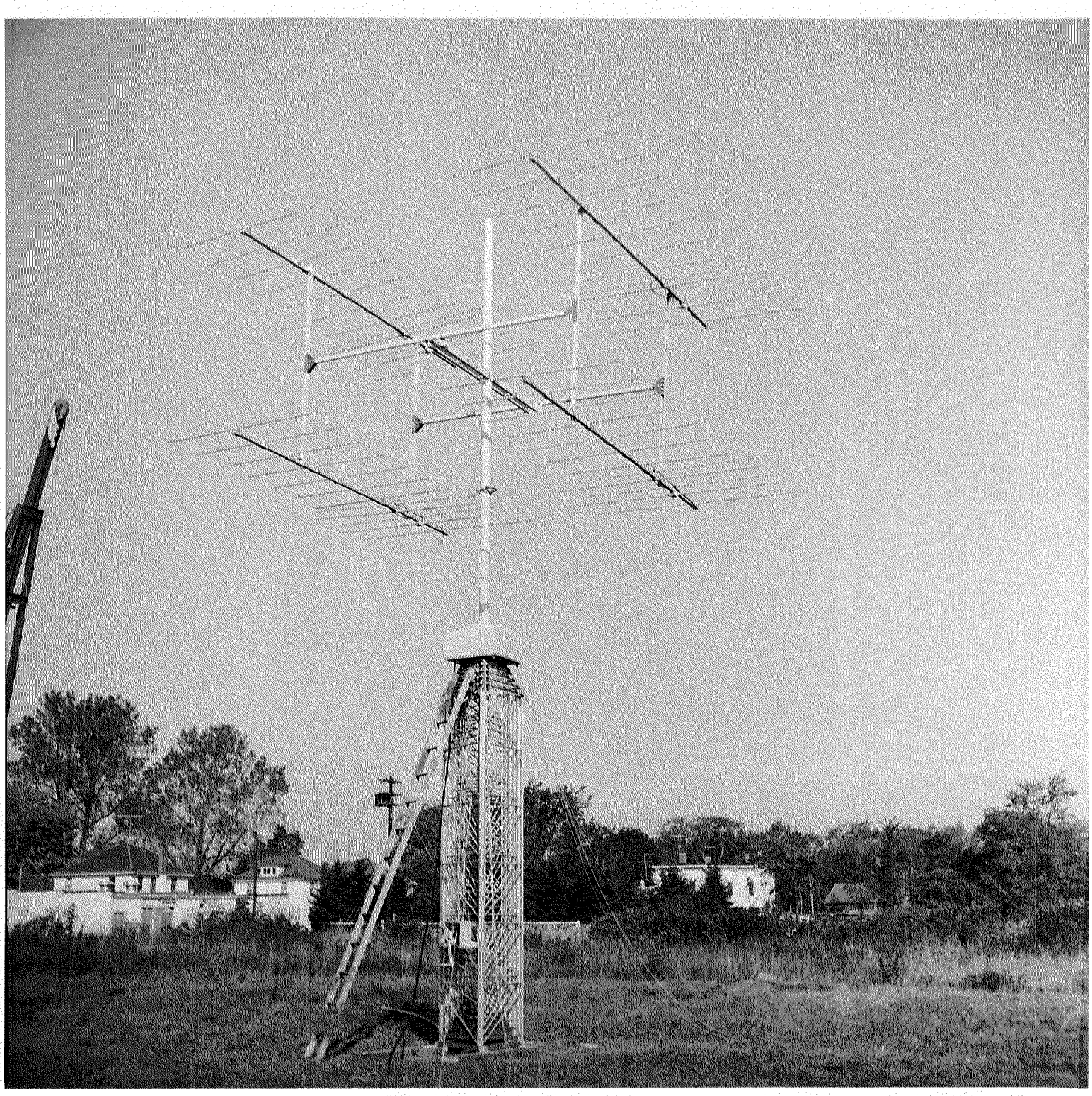

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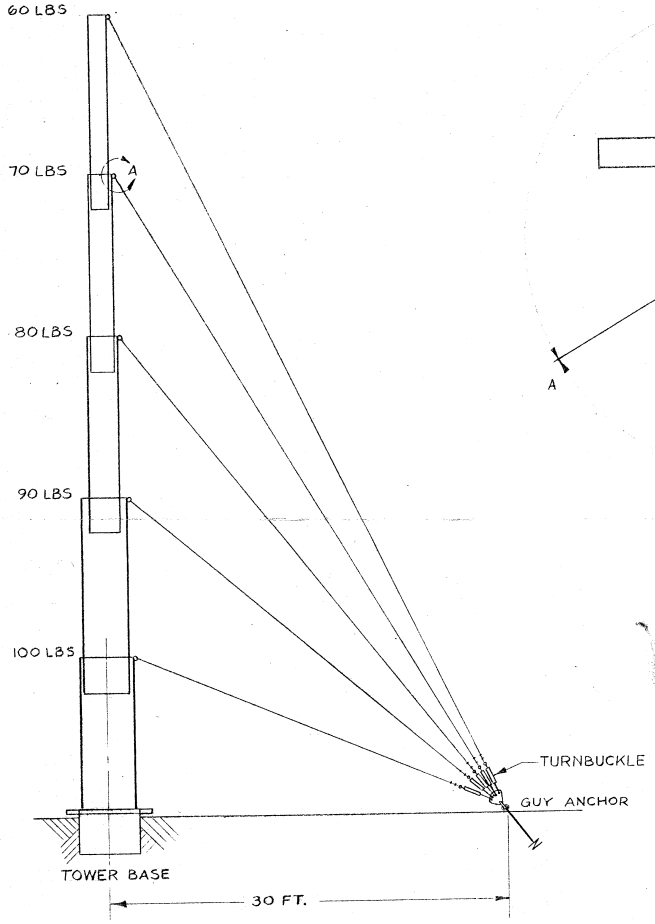
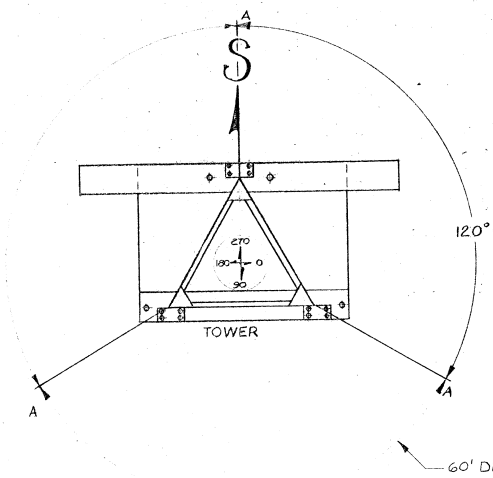
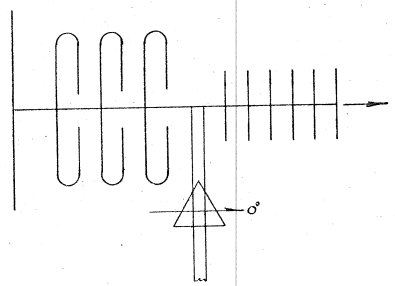
REVISIONS			
REV.	DESCRIPTION	DATE	APPD.





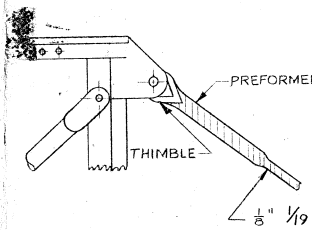
GUY ANCHOR LAYOUT



TOP VIEW

7944

JAN 26 1961



DETAIL A
TYP. 15 PLCS.

NOTES
1. FIGURES INDICATE APPROX. POUNDS TENSION OF GUY WIRES
2. FOR TOWER FOUNDATION DETAILS SEE DWG. 7938

	C-1313 E 1249 A								
NEXT ASSY.	USED ON	NEXT ASSY.	FINAL ASSY.						
APPLICATION		QTY. REC'D							
MATERIAL -									
HEAT TREAT -									
FINISH -				QUAN.	REFERENCE	DESCRIPTION		MAT'L	FIN.
									REV.

TOLERANCE UNLESS OTHERWISE SPECIFIED			DRAFTSMAN	DATE	NAME
BASIC DIMENSIONS	FRACTIONAL DIMENSIONS	DECIMAL DIMENSIONS	G. TRESCHOW	1/12-61	TOWER GUY DETAILS
0 TO 6	± 1/64	± .005	CHECKER SCRIVENER	1-12-61	
ABOVE 6 TO 24	± 1/32	± .010	ELECT. ENG.	1-13-61	
ABOVE 24	± 1/16	± .015	APPD.		
ANGULAR TOL. ±			SCALE NTS	DWG. SIZE C	WT. NET / GROSS

DWG. NO. 7944

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Eugene Dietzgen Co., Inc., New York, N. Y.—Catalog No. 192M Edvell Tracing Paper

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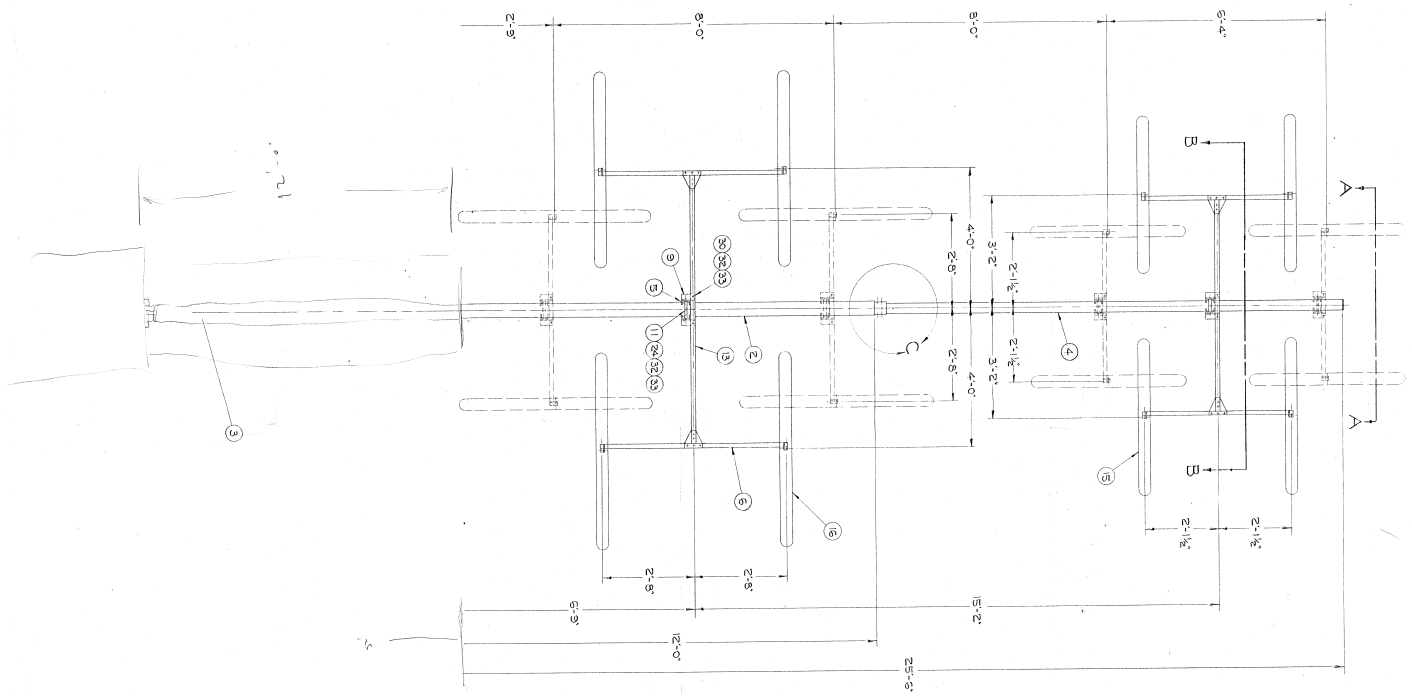
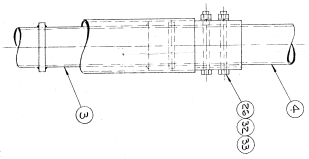
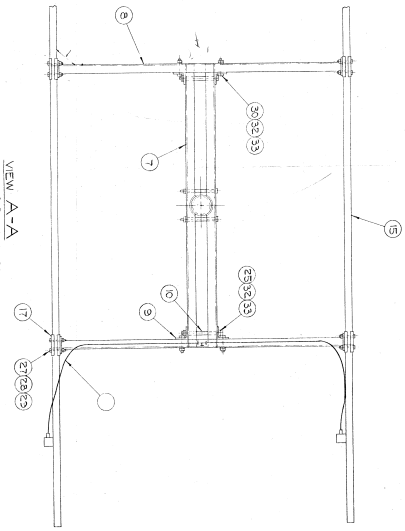
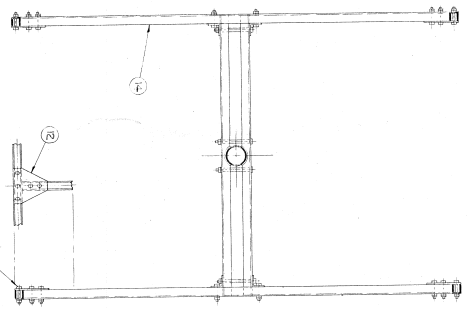




DETAIL C
SCALE: 3" = 1 FT.



VIEW A-A
ROTATED 90° CLOCKWISE
YAGIS IN VERTICAL POSITION
MTG. TYPICAL EACH BAY
SCALE: 1½" = 1 FT.



VIEW B-B
ROTATED 90° CLOCKWISE
YAGIS IN HORIZONTAL POSITION
MTG. TYPICAL EACH BAY
SCALE: 1½" = 1 FT.

TO	7617	34	BEARING PLATE	STL	AISI-C1020
4		33	HEX. NUT ½-13	"	"
4		32	SPLIT L'WASHER ½	"	"
4		31	HEX HD CAP SCR ½-13x2	"	"
4		30	SPLIT L'WASHER ½	"	"
4		29	HEX. NUT ¾-16	"	"
4		28	SPLIT L'WASHER ¾	"	"
32		27	HEX HD CAP SCR ¾-16x2¼	"	"
2		26	HEX HD CAP SCR ½-13x5	"	"
8		25	HEX HD CAP SCR ½-13x1½	"	"
2		24	HEX NUT ¾-10	"	"
4		23	HEX HD CAP SCR ¾-10x1½	"	"
4		22	SPLIT L'WASHER ¾	"	"

4		21	HEX HD CAP SCR ¾-10x1½	STL	AISI-C1020
1	5995	20	FL. ANGED CARTRIDGE BRG.	BRONZE	SAE-660
2	5995	19	SUPPORT BRACKET	STL	AISI-C1020
1	5995	18	SUPPORT BRACKET	"	"
32	5992	17	REINFORCEMENT CHANNEL ALUM. TYPE	ALUM	6061-T6
4	7616	16	YAGI-C YAGI, MODIFIED	STL	AISI-C1020
4	7615	15	YAGI-F YAGI, MODIFIED	"	"
2	7614	14	UPPER HORIZONTAL BOOM	"	"
2	7613	13	LOWER HORIZONTAL BOOM	"	"
8	7612	12	SPACER	"	"
8	7611	11	SPACER	"	"
8-96	7610	10	SPACER	"	"
4	7609	9	UPPER BOOM ASSY.	"	"
4	7608	8	LOWER BOOM ASSY.	"	"
4	7607	7	UPPER BOOM CLAMP ASSY.	"	"
4	7606	6	LOWER BOOM CLAMP ASSY.	"	"
1	7605	5	UPPER CENTER MAST ASSY	"	"
1	7604	4	LOWER CENTER MAST ASSY	"	"
1	7603	3	OUTER MAST ASSY.	"	"
1	TOWER	2	MAST ASSY.	"	"
MATL'S.	DESCRIPTION	PIN.			

7618

REV.	DESCRIPTION	DATE	APPD.

	NAME	DATE
DRAWN		
TRACED		
DESIGN		
CHECKED		
ENGINEER		
PROJECT ENGR.		
APPD.		

MANUFACTURING SPECIFICATION	
MODEL DWG.	
ELECT. DWG.	
ASSEMBLY DWG.	
MISC. DWG.	

NEXT ASSY.	CI-1313
USED ON	
APPLICATION	
NEXT ASSY.	
QTY. REQ'D	
FINAL ASSY.	
MATERIAL - AS NOTED	
HEAT TREAT.	
FINISH	

TOWER MTD YAGI ARRAY

DWG. NO. 7618

SCALE: 3"=1FT & NOTED | SHEET | E | REV. | ISSUED

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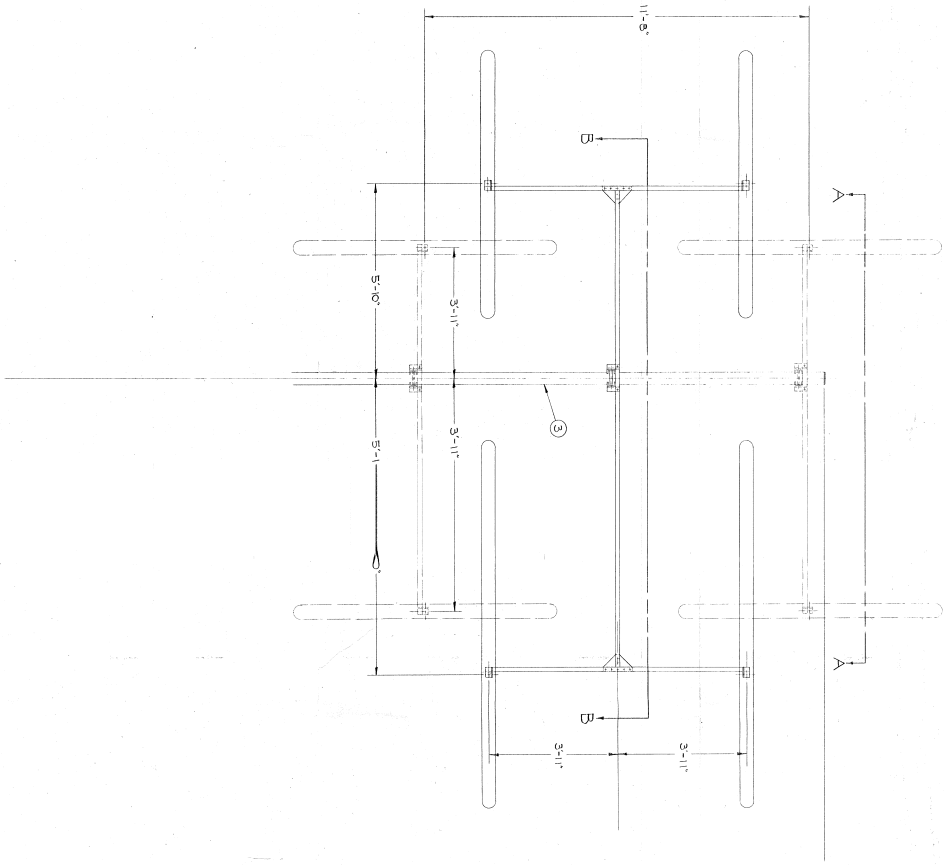

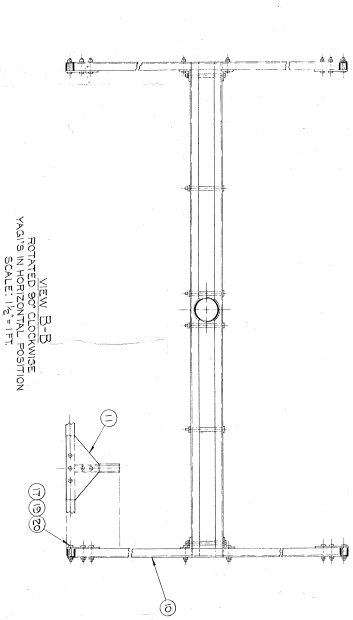

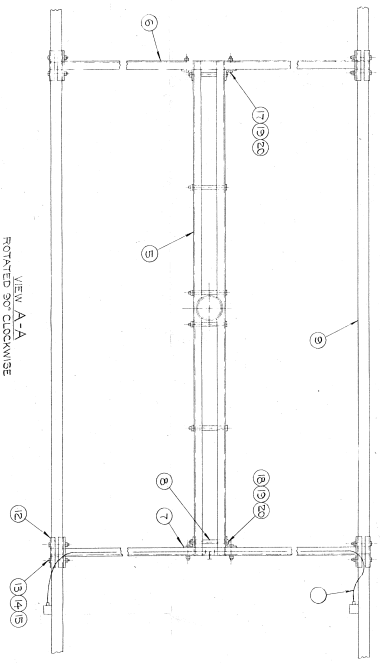

ITEM	QTY. REQ'D	NOMENCLATURE OR DESCRIPTION	MATL.	FINISH
1	1	TOWER	STL.	PAINT
2	1	POSITIONER	STL.	PAINT
3	1	MAST ASSY	STL.	PAINT
4	1	PLANGED CARTRIDGE BRG	STL.	PAINT
5	1	BOOM ASSY	-	-
6	1	BRACKET	STL.	PAINT
7	1	SPACER	STL.	PAINT
8	1	YAGI BOOM, MODIFIED	-	-
9	1	YAGI BOOM	-	-
10	4	CLOSET	STL.	PAINT
11	4	REINFORCEMENT CHANNEL ALUM	-	-
12	16	BRG	-	-
13	16	HEX HD CAP SCR, ⅜-16 X ¾	-	-
14	16	SPLIT LOCKWASHER, ⅜	-	-
15	16	HEX NUT, ⅜-16	-	-
16	12	HEX HD CAP SCR, ½-13 X 1½	-	-
17	12	SPLIT LOCKWASHER, ½	-	-
18	12	HEX NUT, ½-13	-	-
19	28	HEX HD CAP SCR, ¼-20 X ¾	-	-
20	28	HEX NUT, ¼-20	-	-
21	44	SPLIT LOCKWASHER, ¼	-	-
22	44	HEX NUT, ¼-20	-	-
23	4	HEX NUT, 1-8	STL.	PAINT
24	4	SPLIT LOCKWASHER, 1	STL.	PAINT

APPD.			
CHKD.			
DESIGNED			
DRAWN			
TRACED			
CHECKED			
ENGR. APPR.			
SUPV. APPR.			
MFG. APPR.			
QUALITY APPR.			
PROJ. ENGR.			

MATERIAL	AS LISTED		
HEAT TREAT			
FINISH			
NEXT ASSY			
USED ON	5-YAGI A		
APPLICATION			
QTY. REQ'D			
NEXT ASSY			
FINAL ASSY	1		

DRAWING NUMBERS
ARE ASSIGNED BY
ENGINEERING
DRAWING CHECKER

DATE

NAME

ORIGINAL
MATERIAL
RELEASE

Sept 16 1960

PRELIMINARY DRAWINGS
FOR INFORMATION ONLY

TOLERANCES UNLESS
OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
FRACTIONS ± .031
DECIMALS .X ± .125
.XX ± .030
.XXX ± .010
ANGLES ± 1°

TOWER MTD YAGI ARRAY WITH POSITIONER SYSTEM

SIZE E
DWG. NO. 19
SHT. NO.
SCALE 1" = 1'-0"

REVISIONS			
REV.	DESCRIPTION	DATE	APPD.

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